

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	854	(digital) near5 (first or "1st") near3 counter with (second or "2nd") near4 counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/01 10:15
L2	526	(digital) adj5 (first or "1st") near3 counter with (second or "2nd") near4 counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/01 10:15
L3	77556	sampl\$4 adj2 rat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/01 10:18
L4	39	2 and 3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/01 10:15
L5	35955	count\$3 adj5 cycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/01 10:18
L6	149	2 and 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/01 10:19
L7	0	6 and @ad<"03212003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/01 10:19
L8	128	6 and @ad<"21032003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/01 10:45
L9	217	(multiple or plural\$3) adj6 digital adj3 counter and @ad<"21032003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/01 10:45

## EAST Search History

L10	38	9 and (count\$3 adj3 cycle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/01 10:59
L11	0	"60443113"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/01 10:59
L13	41	"6765931"	US-PGPUB; USPAT	OR	ON	2007/08/01 12:17
L14	0	"6765931" and audio adj6 amplif\$4	US-PGPUB; USPAT	OR	ON	2007/08/01 12:17
L15	0	"6765931" and (audio near6 amplif\$4)	US-PGPUB; USPAT	OR	ON	2007/08/01 12:18
L16	13	"6765931" and (audio)	US-PGPUB; USPAT	OR	ON	2007/08/01 12:18
L17	16	(US-20030076247-\$ or US-20010033583-\$ or US-20050031097-\$ or US-20040037346-\$ or US-20030160716-\$).did. or (US-4270176-\$ or US-6393198-\$ or US-6044113-\$ or US-5616996-\$ or US-4491841-\$ or US-6839863-\$ or US-6779055-\$ or US-5367162-\$ or US-5621805-\$ or US-4330746-\$ or US-6026141-\$).did.	US-PGPUB; USPAT	OR	ON	2007/08/01 13:32
L18	3	17 and (audio) and amplifier	US-PGPUB; USPAT	OR	ON	2007/08/01 13:33
L19	59	(digital) adj4 audio adj4 amplifier same pulse adj2 width adj modulat\$3	US-PGPUB; USPAT	OR	ON	2007/08/01 13:40
L20	1900871	sampl\$3 adj rat\$3 conver\$4	US-PGPUB; USPAT	OR	ON	2007/08/01 13:34
L21	57	19 and 20	US-PGPUB; USPAT	OR	ON	2007/08/01 13:34
L22	24	21 and counter	US-PGPUB; USPAT	OR	ON	2007/08/01 13:34
L26	2	(digital) adj4 audio adj4 amplifier same pulse adj2 width adj modulat\$3 same counter	US-PGPUB; USPAT	OR	ON	2007/08/01 14:24
L27	26	(digital) adj4 audio adj4 amplifier same pulse adj2 width adj modulat\$3 and counter	US-PGPUB; USPAT	OR	ON	2007/08/01 14:12
L28	3	CHIENG-DANIEL-L-W.in.	US-PGPUB; USPAT	OR	ON	2007/08/01 14:14

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L29	17	ANDERSEN-JACK-B.in.	US-PGPUB; USPAT	OR	ON	2007/08/01 14:13
L30	10	HAND-LARRY-E.in.	US-PGPUB; USPAT	OR	ON	2007/08/01 14:13
L31	5464	375/238,316,354,355,359,377.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/01 14:20
L32	362	329/311,312.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/01 14:21
L33	4885	327/100,141,144,172,171,175,176. ccls.	US-PGPUB; USPAT	OR	ON	2007/08/01 14:23
L34	15	31 and 19	US-PGPUB; USPAT	OR	ON	2007/08/01 14:25
S1	9	(first or "1st") near3 counter same (clock\$7 or clk\$7) same (second or "2nd") near4 counter same ("dsp" or (data near2 process\$3)) same (sampl\$3 near3 rat\$3)	US-PGPUB; USPAT	OR	ON	2007/07/30 16:03
S2	16	(first or "1st") near3 counter same (second or "2nd") near4 counter same ("dsp" or (data near2 process\$3)) same (sampl\$3 near3 rat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 17:16
S3	40	"6765931"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 16:56
S4	11	(digital) near5 (first or "1st") near3 counter same (second or "2nd") near4 counter same (sampl\$3 near3 rat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 17:20
S6	17	(first or "1st") near3 counter near2 (fifo) with (second or "2nd") near4 counter near4 (fifo)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 17:34
S8	2	(first or "1st") near3 digital adj4 input\$4 near2 (fifo) with (second or "2nd") near4 digital adj3 input\$4 near4 (fifo)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 17:35
S9	41	"6765931"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:34

## EAST Search History

S13	3	re\$1set\$4 with ("1st" or first) near4 counter near9 ("2nd" or second) adj5 counter and frame near3 (sync or synchroniz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:38
S14	4361	re\$1set\$4 same ("1st" or first) near4 counter with ("2nd" or second) adj5 counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:38
S15	1885	re\$1set\$4 near4 ("1st" or first) near4 counter with ("2nd" or second) adj5 counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:39
S16	16	re\$1set\$4 near4 ("1st" or first) near4 counter near4 ("2nd" or second) adj5 counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:39
S17	45326	sample adj4 rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:39
S18	29	S15 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:39
S19	7	S18 and frame	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:44
S20	882	sample adj rate adj converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:50
S21	4	S20 same (two adj4 counter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:46
S22	5	S20 same ((two or ((("1st" or first) same ("2nd" or second or other)))) near4 counter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:49

## EAST Search History

S23	5	S20 same (((two or plural\$3 or multiple) or (("1st" or first) same ("2nd" or second or other)))) near4 counter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:51
S24	1487	sample adj rate adj conver\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:51
S25	5	S24 same (((two or plural\$3 or multiple) or (("1st" or first) same ("2nd" or second or other)))) near4 counter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:53
S26	289	sample adj rate adj conver\$4 same channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:52
S27	0	(two or plural\$3 or multiple) adj5 digital adj5 input\$4 same sample adj5 rat\$3 adj5 conver\$4 with channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:54
S28	0	(two or plural\$3 or multiple) near5 digital adj5 input\$4 same sample adj5 rat\$3 adj5 conver\$4 with channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 10:54
S29	11	(two or plural\$3 or multiple) near5 digital adj5 input\$4 same sample adj5 rat\$3 adj5 conver\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 14:08
S30	1	(incremen\$4) near4 ("1st" or first) adj5 counter near4 (frame or packet or bit or byte) near3 (sync or synchroniz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 16:59
S31	1	"20030037297"	US-PGPUB; USPAT	OR	ON	2007/07/31 16:52
S33	18	("1st" or first) adj5 counter near4 (cycle) same (frame or packet or bit or byte) near3 (sync or synchroniz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:01

## EAST Search History

S34	391	("1st" or first) adj5 counter near4 (count adj5 cycle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:01
S35	330	("1st" or first) adj5 counter adj5 (count adj5 cycle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:02
S36	107	("1st" or first) adj5 counter adj5 (count adj5 cycle) same ("2nd" or second) adj5 counter adj5 (count adj5 cycle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:03
S37	80	("1st" or first) adj5 counter adj5 (count adj5 cycle) with ("2nd" or second) adj5 counter adj5 (count adj5 cycle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:54
S40	18	("1st" or first) adj5 counter adj5 (count adj5 cycle adj5 (clock or clk\$3)) with ("2nd" or second) adj5 counter adj5 (count adj5 cycle adj7 (clock or clk\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:10
S41	25	("1st" or first) adj5 counter with ("2nd" or second) adj5 counter adj5 (count adj5 cycle adj6 (clock or clk\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:30
S42	19	(clock or clk\$3) adj5 ("1st" or first) adj5 counter with ("2nd" or second) adj5 counter adj5 (count adj5 cycle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:35
S43	15	S42 not S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:31
S46	1	(clock or clk\$3) with ("1st" or first) adj5 counter with ("2nd" or second) adj5 counter adj5 (count adj5 cycle) and ("1st" or first) near3 ("a/d" or "adc" or (analog adj2 digital adj converter)) same ("2nd" or second) near5 ("a/d" or "adc" or (analog adj2 digital adj converter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:39

## EAST Search History

S47	1	("1st" or first) adj5 counter with ("2nd" or second) adj5 counter adj5 (count adj5 cycle) and ("1st" or first) near3 ("a/d" or "adc" or (analog adj2 digital adj converter)) same ("2nd" or second) near5 ("a/d" or "adc" or (analog adj2 digital adj converter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:39
S48	2	("1st" or first) adj5 counter with ("2nd" or second) adj5 counter with (count adj5 cycle) and ("1st" or first) near3 ("a/d" or "adc" or (analog adj2 digital adj converter)) same ("2nd" or second) near5 ("a/d" or "adc" or (analog adj2 digital adj converter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:40
S49	7	("1st" or first) adj5 counter same (count adj5 cycle) and ("1st" or first) near3 ("a/d" or "adc" or (analog adj2 digital adj converter)) same ("2nd" or second) near5 ("a/d" or "adc" or (analog adj2 digital adj converter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:41
S50	61	counter same (count adj5 cycle) and ("1st" or first) near3 ("a/d" or "adc" or (analog adj2 digital adj converter)) same ("2nd" or second) near5 ("a/d" or "adc" or (analog adj2 digital adj converter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:52
S51	2607	(generat\$3 or produc\$3 or output\$4) near4 (first or "1st") near6 (second or "2nd") near7 digital adj5 (data or signal or pulse or wave\$1form)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:53
S52	2361	(generat\$3 or produc\$3 or output\$4) near4 (first or "1st") near6 (second or "2nd") near5 digital adj5 (data or signal or pulse or wave\$1form)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:55
S54	107	("1st" or first) adj5 counter adj5 (count adj5 cycle) same ("2nd" or second) adj5 counter adj5 (count adj5 cycle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:55
S55	169	("1st" or first) adj5 counter adj5 (count adj5 cycle) same ("2nd" or second) adj5 counter with (count adj5 cycle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:55

## EAST Search History

S56	4	S52 and S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/31 17:55
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